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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: YELLIN, D.
Serial Number: 09/511,737
Filed: February 24, 2000
For: Wave digital filter with low power consumption
Art Unit: 2121
Examiner: MAI, T. V.

RECEIVED

AUG 09 2002

Technology Center 2100

Honorable Commissioner of Patents and Trademarks
Washington DC 20231

AMENDMENT

Sir:

In response to an Office Action from March 27, 2002, kindly amend the application as follows:

IN THE CLAIMS

Kindly replace claims 1 and 14 by the following claims in clean form and add new claims 42-53:

1. (Amended) A wave digital filter, comprising:

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a plurality of memoryless adapters each having two or more ports, each port comprising an input and an output; and

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C1
at least one controlled gate which delays the propagation of a value into or within at least one of the adapters, without affecting a result value provided by the wave digital filter.

B2
14. (Amended) A filter according to claim 1, wherein the value delayed from propagating into or within the adapter is received from a different adapter.

B3
cont.
42. (New) A filter according to claim 1, wherein the delayed value comprises a value generated by at least one of the adapters of the wave digital filter.

08/07/2002 RAYASI: 00000109 033419 09511737

01 FC:102 \$4.00 CH
02 FC:103 \$16.00 CH